



AIR

IN-EAR AVIATION HEADSET

User Guide

Greetings.

Congratulations on your purchase of the Faro® AIR Aviation Headset. This product has been meticulously designed by Faro engineers in San Jose, California to bring you years of quiet, comfortable, and enjoyable flights.

At Faro, we live and breathe aviation. We love pilots, planes, and everything aviation has to offer.

We encourage you to visit www.FaroAviation.com where you will find free videos, tutorials, and articles from some of the world's best flight instructors.

Your headset is backed by an amazing warranty. Please feel free to reach out to Faro for any questions, and we always appreciate your feedback.

Thank you for choosing Faro as your aviation headset.

Sincerely,
The Faro Team

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Getting Started.

Advisories.

Please carefully and completely read the information in this booklet before using your headset. Keep these instructions and make them easily accessible to all other users. Always include this booklet when giving the headset to third parties.

In the unlikely event of a problem with your headset, it is recommended to switch to an alternate communication method and to use standard cockpit resource management skills to minimize distraction.

Aircraft sounds, such as engines, propellers, warning alarms, and other sound sources may sound differently when using a new headset.

When listening to an audio source via your Faro AIR headset, please limit the volume to safe levels to ensure you are able to hear communication and warning alarms from your aircraft.

Do not attempt to disassemble or service the inside of the ear tips or others parts of the headset. This will void your warranty and may result in unexpected performance of your headset.

Support.

Your FARO® headset is covered by a Three-Year Replacement Warranty and is eligible for the Life-time Tear and Wear Protection Plan.

In the unlikely event that you experience any issues with your headset, please contact FARO® priority customer service to promptly receive troubleshooting tips or replacement.

USA Priority Customer Service:
1-855-359-3276

International Customer Service:
1-703-286-2700

Pilot Support Email:
Team@FaroAviation.com

Visit Us Online at:
www.FaroAviation.com

Getting Started.

Watch the Video.

If you prefer to watch a short video on using your Faro AIR headset, visit: www.FaroAviation.com/AIR

Attaching Ear Tips.

Provide each new user with a new pair of ear tips, and change them whenever they appear soiled.

1. Use clean hands whenever changing ear tips.

2. If you are not sure which size to use, start with the standard (medium) size.

This fits the majority of users. You may find different sized tips fit each of your ears best.

3. Screw in the ear tips until they are secure.



Correct Orientation.

AIR offers maximum comfort due to its lightweight and simple design.

The headset band should be placed behind your head, not over the head. This will position the microphone in front of your lips.



Getting Started.

Adjusting the Headband.

The headband does not need to fit tightly on the back of the head. It is important that the ear loops feel comfortable when the headset is on.



To make adjustments to the headband, hold the metal band in front of you and use both hands to apply equal pressure to expand or contract the size as desired.

Using Position Clips.

Use the clips provided to affix the AIR headset to your apparel. This will maintain the headset in a consistent position and offer strain relief.



Inserting Ear Tips.

Give each new user a new pair of ear tips, and replace them when they are dirty or appear soiled.

1. Compress the ear tip by pinching or squeezing them with your fingers.
2. Use your opposite hand to pull your ear firmly back and upward to open the ear canal.
3. Quickly insert the entire compressed ear tip gently into the ear canal and release your hold on the ear. When properly placed, foam should not be visible from the outside.
4. Continue to hold the tip in place for about 10 seconds until the foam expands.



Using AIR.

Adjusting Volume.

On your controller, you will find a volume slide for each ear. It is recommended to start at the lowest setting and gradually increase the volume until the desired level is found.

The overall headset volume is set based on controller's settings, as well as the aircraft's intercom or radio.

Caution: Avoid setting the volume levels too high. Exposure to loud sounds may damage your hearing.



Microphone Placement.

For clear and crisp communication, the microphone should be placed approximately 1/8" from the lips.

To adjust the microphone placement, bend the flexible boom to the desired location.



If your speech is "broken" over the intercom or you find that you need to speak loudly to activate the microphone, you need to adjust the squelch setting on your aircraft avionics to the proper level.

Using AIR.

Auxiliary Audio.

Your AIR headset can be connected to an external audio source, such as a portable audio device or a GPS via the provided 3.5 mm cable.

You will find the auxiliary input on the side of your audio controller.

Tip: Be sure to have the auxiliary audio at a volume that ensures you do not miss any important communications or aircraft sounds.



Stereo / Mono Setting.

Whether you should use Mono or Stereo setting depends on your aircraft's avionics. An incorrect setting will result in communication being heard in only one side.

You will find the Mono / Stereo switch on your controller under the volume slides.

Stereo /Mono setting does not effect the audio from your auxiliary sources.



For most general aviation planes, the Mono setting is required.

Good to know.

Pro Tips.

- Clean ear tips perform better. Keep the ear tips clean and free of ear wax to extend their useful lifetime.
- Wash the ear tips with water and mild soap if desired.
- Ensure AIR is fitting you properly by reviewing the adjustments on pages 6-8. The ear tip should be inserted all the way to provide an all-around seal in the ear canal.
- Position the microphone in front of your lips for maximum noise cancellation.
- Set Mono / Stereo setting to match your airplane's avionics. For most planes, this would be mono. If set incorrectly, audio will be lost in one ear.
- Register your headset on FaroAviation.com for your warranty, product updates, and more.

Common Questions.

Why can I hear in only one ear?

Your AIR headset is compatible with both Stereo and Mono aircraft avionics. If your headset is incorrectly set, audio will be lost in one ear. Refer to page 13 for additional information.

How often should I change the tips?

Change your ear tips when giving the headset to another person or when tips appear soiled or contaminated. Generally a pair of tips will last few months before needing to be replaced.

Where can I purchase parts for my AIR headset?

Accessories can be purchased from Faro's authorized dealers or by visiting www.FaroAviation.com.

What is the best way to store the headset?

Store your headset in a ventilated area away from direct sunlight.

Good to know.

Why do I need to yell to activate the microphone?

Your avionics' squelch setting must be adjusted. It is common for every pilot to change the squelch setting just like adjusting the volume. Please consult someone who is familiar with your airplane's avionics if you cannot locate the squelch knob or button.

Why do I sound different?

Similar to ear plugs, your voice may seem deeper than usual in your own headset when using ear tips. Others will hear you normally.

What if I have other questions?

FARO Pilot Support is here to help. Please use one of the following channels to contact us:

Online: www.FaroAviation.com

E-mail: team@faroaviation.com

Priority Customer Service: 1-855-359-3276

Technical Specifications.

General

Operating Temperature: -4 to 94 F / -20 to 70 C

Storage Temperature: -31 to 167 F / -35 to 75 C

Cord Length: 150 cm

Weights: 20oz / 565g

Headphone

Type: Dynamic

Frequency Response: 50 Hz-20 kHz

Sensitivity: 95±5 dB SPL

Microphone and Amplifier

Type: Noise-canceling Electret

Frequency Response: 100Hz to 5 kHz

Matching Impedance: 150-1000 ohms

Sensitivity: -33±4 dB

Warranty.

Product Warranty.

3-YEAR LIMITED WARRANTY FOR NEW HEADSETS SOLD BY FARO AVIATION.

Faro Aviation, LLC ("Faro Aviation") warrants that the new aviation headset sold by Faro Aviation ("New Headset") is free from all material defects in workmanship and materials. For the New Headset, all warranties provided by Faro Aviation and all implied warranties imposed by law are limited to a 3-Year period, beginning on the purchase date shown on the New Headset's sales receipt ("Warranty Period"). This 3-Year Limited Warranty ("Limited Warranty") is provided solely for the benefit of the initial purchaser of the New Headset ("Purchaser"), and it excludes all 3rd parties, including distributors, dealers, retailers, subsequent owners, and other users of the New Headset. This Limited Warranty is not assignable and remains in full force and effect during the Warranty Period, but only if the New Headset: (a) has been properly maintained; (b) has not been abused or misused; and (c) has not been repaired, altered, or modified without Faro Aviation's approval. This Limited Warranty specifically excludes all taxes, shipping costs, and problems relating to any: (1) repair, alteration, or modification not approved by Faro Aviation; (2) abuse or failure to properly maintain the New Headset; (3) faulty workmanship by any person, except Faro Aviation or its approved agent; (4) operation of the New Headset, except as specified in its operating manual; (5) ordinary wear and tear; or (6) finish and appearance item. For each claim made under this Limited Warranty ("Claim"), Purchaser must, within 10 days of discovering a New Headset problem indicating a breach of this Limited Warranty, deliver to Faro Aviation a written notice that explains in detail the New Headset's specific defect, that shows proof of Purchaser's purchase of the New Headset before the end of the Warranty Period, and that shows proof that this Limited Warranty applies to the New Headset. Faro Aviation or its agent may investigate any Claim. Faro Aviation or its agent may investigate any Claim. For each Claim, Faro Aviation may, in its sole discretion, choose any of the following exclusive remedies: (I) repair or replace the New Headset or any part thereof with same or similar Headset, without charge to Purchaser, but first Purchaser must return the New Headset to Faro Aviation's authorized repair facility, pre-paying all shipping charges, and Purchaser must accept the same as repaired or replaced at the facility's location (i.e., FOB the facility) within 10 days of the date of Faro Aviation's completion notice sent to Purchaser, or else Faro Aviation will deem the New Headset abandoned, in which case Faro Aviation may keep, sell, or otherwise discard it; or (II) refund the New Headset's purchase price to Purchaser. Without paying any amount to Purchaser, Faro Aviation may keep, sell, or otherwise discard all replaced New Headsets and parts thereof and all New Headsets where Faro Aviation has refunded the purchase price to Purchaser. In repairing or replacing any New Headset, Faro Aviation may, in its sole discretion, use new, used, or reconditioned parts or provide a refurbished used headset as a replacement. In connection therewith, Faro Aviation warrants that all new, used, or reconditioned parts or refurbished used headsets will be free from all material defects in workmanship and materials during the Warranty Period and for a period of up to 90 days thereafter, but only to the extent that such event occurs during the final 90 days of the Warranty Period. Faro Aviation may, in its sole discretion, (i) establish separate, additional, non-warranty repair and replacement programs for any new or used headset ("Non-Warranty Service Programs"), (ii) the Non-Warranty Service Programs may cover any time period, before or after any Warranty Period has expired, and (iii) charge any amount and impose any term with respect to any Non-Warranty Service Program. For Non-Warranty Service Programs, Faro Aviation warrants that all new, used, reconditioned, or refurbished parts and headsets used to repair or replace any headset will be free from all material defects in workmanship and materials, but only for a limited period of 90 days thereafter. Purchaser acknowledges that used or reconditioned parts may be used to repair any new or used headset, and that a refurbished used headset may be provided as a replacement for any new or used headset.

Faro Aviation may hire a 3rd party to repair or replace any new or used headset. "Including" means "including, but not limited to."

THE TERMS IN THIS DOCUMENT ARE THE ONLY TERMS THAT GOVERN FARO AVIATION'S WARRANTY OBLIGATIONS FOR ANY NEW OR USED HEADSET OR PART THEREOF. NO ORAL OR OTHER WRITTEN TERM APPLIES. THIS DOCUMENT PROVIDES THE EXCLUSIVE REMEDY FOR ALL CLAIMS AGAINST FARO AVIATION WITH RESPECT TO ANY NEW OR USED HEADSET OR PART THEREOF. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY IN THIS LIMITED WARRANTY, FARO AVIATION RESERVES THE RIGHT TO MODIFY, AT ANY TIME AND FROM TIME TO TIME IN ITS SOLE DISCRETION, ANY AND ALL TERMS IN THIS LIMITED WARRANTY. EACH SUCH MODIFICATION IS DEEMED EFFECTIVE UPON PUBLICATION ON FARO AVIATION'S WEBSITE OR OTHERWISE.

TO THE EXTENT ALLOWED BY LAW: FARO AVIATION DISCLAIMS AND PROVIDES THIS LIMITED WARRANTY IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. FARO AVIATION IS NOT LIABLE FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, INDIRECT, SPECIAL, LOST PROFITS, OR SIMILAR DAMAGES CLAIMED UNDER ANY STATUTE OR LEGAL OR EQUITABLE THEORY. FARO AVIATION'S TOTAL LIABILITY FOR ALL CONTRACT, TORT (INCLUDING NEGLIGENCE), STATUTORY, OR OTHER CLAIMS ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR ANY HEADSET OR PART THEREOF IS LIMITED TO \$1,000. SOME STATES DO NOT ALLOW THE LIMITATION OF CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MIGHT NOT APPLY TO PURCHASER. THIS LIMITED WARRANTY GIVES PURCHASER SPECIFIC LEGAL RIGHTS, AND PURCHASER MIGHT HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

FOR PURCHASERS IN CALIFORNIA: PURCHASER HAS THE RIGHT TO HAVE THE NEW HEADSET SERVICED AND REPAIRED DURING THE WARRANTY PERIOD. THE WARRANTY PERIOD WILL BE EXTENDED FOR THE NUMBER OF WHOLE DAYS THAT THE NEW HEADSET HAS BEEN OUT OF PURCHASER'S HANDS FOR WARRANTY REPAIRS. IF A DEFECT EXISTS DURING THE WARRANTY PERIOD, THIS LIMITED WARRANTY WILL NOT EXPIRE UNTIL THE DEFECT HAS BEEN FIXED. IF ANY WARRANTY REPAIR HAS BEEN DELAYED BECAUSE OF CIRCUMSTANCES BEYOND PURCHASER'S CONTROL, OR IF ANY WARRANTY REPAIR DID NOT REMEDY A DEFECT AND PURCHASER NOTIFIES FARO AVIATION OF SUCH FAILURE WITHIN 10 DAYS AFTER THE REPAIR, THE WARRANTY PERIOD WILL BE EXTENDED FOR A PERIOD EQUAL TO THE DURATION OF THE DELAY. IF, AFTER A REASONABLE NUMBER OF ATTEMPTS, THE DEFECT REMAINS UNFIXED, PURCHASER MAY RETURN THE NEW HEADSET FOR REPLACEMENT OR REFUND, SUBJECT TO A REASONABLE DEDUCTION FOR PURCHASER'S USE OF THE NEW HEADSET. ANY EXTENSION OF THE WARRANTY PERIOD DOES NOT AFFECT ANY PROTECTION OR REMEDY AVAILABLE TO PURCHASER UNDER APPLICABLE LAW.

GOVERNING LAW: This non-transferable limited warranty shall be governed by the law of the State of California, U.S.A., and by the laws of the United States of America, excluding their conflicts of laws principles. Furthermore, the United Nations Convention on Contracts for the International Sale of Goods is hereby excluded in its entirety from application to this non-transferable limited warranty. Jurisdiction and venue shall be exclusive to the courts of Santa Clara County, California.

Warranty service conditions are subject to change without notice. Please refer regularly to the latest warranty terms and conditions, and additional information regarding FARO Aviation Limited Warranty, at www.faroaviation.com or its related brands or products. Send All Correspondences to: FARO Aviation, PO BOX 1116, Campbell, CA 95009, or via email at contact@faroaviation.com.

Registration.

Product Registration.

Please register your headset at www.FaroAviation.com for warranty, product updates, and access to free pilot resources from experienced certified flight instructors.

Connect with Faro.

- Twitter
www.Twitter.com/FlyFaro
- Facebook
www.FaceBook.com/FAROAviation
- Instagram
www.Instagram.com/FlyFaro
- YouTube
www.YouTube.com/user/FAROAviation

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www.faroaviation.com